UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. 6192.0316.US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTS

Ö		•	itent Application Box 1450				
		Alexandria,	VA 22313-1450				
		J.S.C. 111(a) and	37 C.F.R. 1.53	(b) is a new utility patent appli	ication for an		
LIOUID CR	F FORMING MULTI-DO	TUS USING THE	NMENT FILM, E SAME, LIQUI	METHOD OF MANUFACTU D CRYSTAL ALIGNMENT A	RING PPARATUS		
and invented b				**	T TO		
Dae-Ho CHO	00	·			962		
Hak-Jin KIN Hong-Gyun I	KIM				79/ 10/		
Hwan-Kyeor Bong-Woo L	ig JEONG EE				2215 10		
If a CONTINU	ATION APPLICATION, ch	neck appropriate	box and supply	the requisite information:	<u> </u>		
☐ Continua	tion 🗆 Divisional	☐ Continuatio	n-in-part (CIP)	of prior application No.:			
Which is a:							
☐ Continua	tion 🗌 Divisional	☐ Continuatio	n-in-part (CIP)	of prior application No.:			
Which is a:		_					
☐ Continua	ition	_ Continuatio	n-in-part (CIP)	of prior application No.:			
Enclosed are:		Applicati	on Elements				
1. 🗵 Fili	ng fee as calculated and t	ransmitted as de	scribed below				
2. 🛭 Sp	ecification having	47	pages and ir	ncluding the following:			
а. 🛚	Descriptive Title of the I	nvention					
b. 🗵	Cross References to Re	lated Application	s (if applicable)				
c. 🗆	Statement Regarding Federally-sponsored Research/Development (if applicable)						
d. 🗆	Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix						
e. 🛚	Background of the Invention						
f. 🛚	Brief Summary of the Invention						
g. 🛚	Brief Description of the	Orawings (if filed))				
h. 🛚	Detailed Description						
i. 🛚	Claim(s) as Classified B	elow					
j. 🗵	Abstract of the Disclosu	re					

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 6192.0316.US

Total Pages in this Submission

Application Elements (Continued)

3.	\boxtimes	Drawing(s) (when necessary as prescribed by 35 USC 113)
	a.	∑ Formal Number of Sheets
	b.	☐ Informal Number of Sheets
4.	\boxtimes	Oath or Declaration
	a.	☑ Newly executed (original or copy) ☐ Unexecuted
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
	C.	☑ With Power of Attorney ☐ Without Power of Attorney
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7.		Application Data Sheet (See 37 CFR 1.76)
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
	a.	☐ Computer Readable Form (CRF)
	b.	☐ Specification Sequence Listing on:
		i. D CD-ROM or CD-R (2 copies); or
		ii. 🗋 Paper
	C.	☐ Statement(s) Verifying Identical Paper and Computer Readable Copy
		Accompanying Application Parts
9.	\boxtimes	Assignment Papers (cover sheet & document(s))
10.		37 CFR 3.73(B) Statement (when there is an assignee)
11.		English Translation Document (if applicable)
12.		Information Disclosure Statement/PTO-1449
13.		Preliminary Amendment
14.	\boxtimes	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.	\boxtimes	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.		Certificate of Mailing
		☐ First Class ☐ Express Mail (Specify Label No.): HAND DELIVERED

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 6192.0316.US

Total Pages in this Submission

	Accompanying Application Parts (Continued)
17. [Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18. (Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

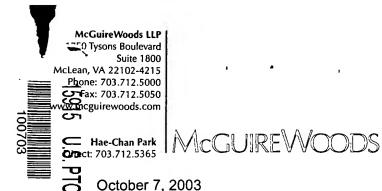
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 6192.0316.US

Total Pages in this Submission

Fee Calculation and Transmittal

		CLAIMS	AS FILED			
For	#Filed	#Allowed	#Extra		Rate	Fee
Total Claims	57	- 20 =	37	×	\$18.00	\$666.00
Indep. Claims	6	- 3 =	3	х	\$84.00	\$252.00
Multiple Dependent Cla	aims (check i	f applicable)				\$0.00
					BASIC FE	E \$750.00
OTHER FEE (specify)	purpose)					\$0.00
	-				TOTAL FILING FE	E \$1,668.00
★ The Director is here ↓as described below.	•		cover the filing redit Deposit	-		1
as described below. ☐ Charge the ☐ Credit any o ☐ Charge any	amount of overpayment.	to charge and c	redit Deposit as filing fee. under 37 C.F	Accoun	t No. 23-195	1



hpark@mcguirewoods.com Direct Fax: 703.712.5280

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

RE: Application No. Unassigned

Filed: October 7, 2003

METHOD OF FORMING MULTI-DOMAIN ON ALIGNMENT FILM, METHOD OF MANUFACTURING LIQUID CRYSTAL DISPLAY APPRATUS USING THE SAME, LIQUID CRYSTAL ALIGNMENT APPARATUS AND LIQUID CRYSTAL

DISPLAY APPARATUS Inventor: Dae-Ho CHOO, et al.

Our Ref: 6192.0316.US

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. A Transmittal Letter:
- 2. A Utility Patent Application Transmittal Form;
- 3. A Specification containing 47 pages and 22 sheets of drawings (Figs. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, and 40);
- 4. An executed Declaration and Power of Attorney;
- 5. A Form PTO-1595 Recordation Cover Sheet and a copy of the executed Assignment to Samsung Electronics Co., Ltd., a recordation of which is hereby respectfully requested;
- 6. Claim of Priority to and a certified copy of:
 Korean Patent Application No. 10-2003-0023382 filed April 14, 2003;
- 7. Our check no. 134145 in the amount of \$1668.00 to cover the filing fee and our check no. 134067 in the amount of \$40.00 to cover the assignment recordation fee; and
- 8. Two acknowledgement postcards.

It is respectfully requested that the attached copy of the postcard be stamped with the filing date of these documents and returned to our courier.

3

 U.S. Patent & Trademark Office October 7, 2003
 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-1951 referencing docket number 6192.0316.US.

Respectfully submitted,

Hae-Chan Park

Reg. No. 50,114

HCP/tmk Enclosures